

Title (en)

GRIPPER TOOL FOR CABLE-PREPARATION SYSTEM

Title (de)

GREIFERWERKZEUG FÜR KABELVORBEREITUNGSSYSTEM

Title (fr)

OUTIL DE PRÉHENSION POUR SYSTÈME DE PRÉPARATION DE CÂBLE

Publication

EP 4082085 A1 20221102 (EN)

Application

EP 20830406 A 20201130

Priority

- US 201962953780 P 20191226
- US 2020062588 W 20201130

Abstract (en)

[origin: WO2021133518A1] Techniques, systems and articles are described for preparing electrical cables for connections to a power grid. In one example, a cable-preparation system includes a tool-head mount configured to couple to a cutting-tool head, wherein the cutting-tool head is configured to receive a first portion of an electrical cable and comprises a plurality of rollers and at least one rotatable cutting tool configured to cut at least one layer of the electrical cable; a cable clamp configured to retain a second portion of the electrical cable; and a guide rail extending from the tool-head mount to the cable clamp parallel to a longitudinal axis of the electrical cable, wherein the guide rail guides an axial movement of the cutting-tool head along the electrical cable as the cutting-tool head cuts the one or more layers of the electrical cable.

IPC 8 full level

H02G 1/12 (2006.01); **H01R 43/28** (2006.01)

CPC (source: EP US)

G01B 11/0616 (2013.01 - EP US); **G01B 11/08** (2013.01 - EP US); **G01B 11/14** (2013.01 - US); **G01N 21/8806** (2013.01 - US); **G01N 21/8851** (2013.01 - US); **G01N 21/952** (2013.01 - US); **G02B 13/22** (2013.01 - US); **H01R 43/28** (2013.01 - EP US); **H02G 1/1221** (2013.01 - EP US); **H02G 1/1224** (2013.01 - US); **H02G 1/1265** (2013.01 - EP US); **H02G 1/1297** (2013.01 - EP US); **H04N 23/55** (2023.01 - US); **G01N 21/952** (2013.01 - EP)

Citation (search report)

See references of WO 2021133518A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021133518 A1 20210701; BR 112022012695 A2 20220906; BR 112022012712 A2 20220906; BR 112022012733 A2 20220906; CN 115136428 A 20220930; CN 115151785 A 20221004; EP 4081756 A1 20221102; EP 4082085 A1 20221102; EP 4082086 A1 20221102; US 2023022732 A1 20230126; US 2023023163 A1 20230126; US 2023035721 A1 20230202; WO 2021133516 A1 20210701; WO 2021133517 A1 20210701

DOCDB simple family (application)

US 2020062588 W 20201130; BR 112022012695 A 20201130; BR 112022012712 A 20201130; BR 112022012733 A 20201130; CN 202080089291 A 20201130; CN 202080089954 A 20201130; EP 20829070 A 20201130; EP 20830406 A 20201130; EP 20835922 A 20201130; US 2020062579 W 20201130; US 2020062583 W 20201130; US 202017757913 A 20201130; US 202017757914 A 20201130; US 202017757916 A 20201130